

Product data sheet

Specifications



Circuit breaker, PowerPacT Q, 100A, 2 pole, 240VAC, 25kA, lugs, thermal magnetic, 80%, top of panel

QDM22100TN

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	PowerPact
Product name	PowerPact Q
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	100 A
Number of Poles	2P
Control Type	Operating handle
Breaking capacity code	D
Breaking capacity	25 kA 120/208 V AC 50/60 Hz UL 25 kA 240 V AC 50/60 Hz UL
[Ue] rated operational voltage	240 V AC 50/60 Hz UL
Network Frequency	50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV UL
Trip unit technology	Thermal-magnetic
Magnetic tripping current	2400 A
Magnetic hold current	1200 A
Continuous current rating	80 %
Utilisation category	Category A
Mechanical durability	1000 cycles loaded 5000 cycles no load
Local signalling	1 trip indicator green)
Mounting mode	Unit mount lug)
Mounting Support	Lug
Electrical connection	Lugs, line Terminal nut, load
Tightening torque	247.8 lbf.in (28 N.m) 0.04...0.2 in² (25...150 mm²) (AWG 4...300 kcmil)
Power wire stripping length	0.9 in (22 mm)
Height	6.47 in (164.34 mm)
Width	3 in (76.2 mm)
Depth	3.93 in (99.82 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Circuit breaker application	HACR rated
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Environment

Standards	UL CSA NEMA NOM-003-SCFI-2000
Product certifications	UL CSA NOM
Ambient Air Temperature for Operation	104...158 °F (40...70 °C)

Ordering and shipping details

Category	US1DE2A00187
Discount Schedule	DE2A
GTIN	785901409267
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.562 in (14.127 cm)
Package 1 Width	5.810 in (14.757 cm)
Package 1 Length	9.750 in (24.765 cm)
Package weight(Lbs)	3.26 lb(US) (1.48 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	187 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	12 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	172 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	887a1b1c-3348-4a1a-91a8-4e8590879f78
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Halogen content performance	Halogen free product
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	94
Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

Dimensions

